Overview

The VENTUS F1 is a standalone Multi Mode Mobile / DTV TV Signal Transmitter for all common Mobile TV, and DTV standard broadcasting Signal. And VENTUS F1 is a compact and real-time coding instrument that can be equipped with a wide range of RF amplifier for Production Test Systems. The full Mobile TV / DTV standard modulations are selectable, and easy upgradable without Factory return, and every VENTUS F1 can be used as a simple and economic signal generator with very good RF signal quality without spurious, or harmonics.

Features

- 19 inch rack size compact platform type of stand-alone Signal generator with real-time coding
- The Test stream is generated from an internal SSD (32 Gigabyte) or external USB 2.0 memory
- Modulation Mode for CMMB, ISDB-T, DTMB, ATSC, DVB-T/H, DVB-C, Open-Cable and ATSC-M/H
- Full VHF and UHF frequency range (50 – 870 MHz in 1 KHz step) with very good signal quality MER > 30 dB
- Real time ASI Input (ATSC, DVB-T/H, DVB-C, Open Cable) to RF out on real-time modulation supports
- CMMB full Multiplexer play out on-air capture MFS and recompilation
- MPEG 2 TS recording thru ASI IN
- AWGN - White noise Generation
- Temperature compensation using an integrated temperature sensor, enable to heater control
- RF Level output (-10 dBm to -30 dBm) as default RF up converter
- +16 dBm to ±110 dBm in 0.1 dB of step-attenuator options
- RF accuracy ±1 dB
- 32 GB SSD, 1 GB RAM, and XP embedded
- 4 port USB2 Interface, and 1 port of VGA Terminal
- Compatible with latest T-PUMP thru VGA, in order to remote control VENTUS F1 from external PC Monitor with mouse
- FCC, CE Certified